

ABSTRACT OF THE DISCLOSURE

A device for incising a stenosis in the vasculature of a patient includes a plurality of blades mounted on a resilient base member. The blades are arranged in a pattern to allow for relative movement between adjacent blades.

5 Specifically, at least one end portion of each blade is juxtaposed with an end portion of the next closest blade. The base member includes a first end affixed to a catheter at a location proximal to an inflatable balloon and a second end affixed to the catheter at a location distal to the inflatable balloon.

10 When the balloon is inserted into the vasculature of a patient, positioned across a stenosis and subsequently inflated, the individually moveable blades form an effective cutting edge that conforms to the surface of the stenosis to effectively allow the stenosis to be incised to a substantially uniform depth.